Full-Stack Developer

JavaScript / React / Node.Js / Express

**Meni Murillo**

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**Summary**

* **1 year of active coding** and **working experience** with proficiency in **JavaScript, React**, **Node.JS** and **Express**
* Experience in both **start-up** environment and **global corporation** - **IBM & Fitback**
* Highly skilled in **Redux**, **SQL**, **Python**, MongoDB, and **RESTful APIs** using Express
* **B.Sc.** and **M.Sc. in Engineering.**
* Practical with algorithms, **data structures,** browser **troubleshooting**, and **debugging.**
* Working experience with the **development** of **Machine Learning applications**.
* Experience in setting up and **managing web servers** along with utilizing **AWS** services for storage and server hosting.
* Hands-on experience with **Git**, CSS, **HTML**, Flask,and **PostgreSQL**
* **Full Stack Development Coding Certificate**, **Israel Tech Challenge**.
* Creative, out-of-the-box problem solver, and passionate about exploring new technologies.
* **English** - fluent

**Experience**

2022 - 2023  **Junior Full Stack Developer**, **Fitback, Tel Aviv**

* **Development**, including self-research, **feasibility**, settings, and **integration** of Fitback's **machine-learning application**
* Setting up and managing **web servers** using **Python**, **Flask**, **MongoDB**
* Using **AWS** for storage and **server hosting** (**EC2**, Route 53, Certificate Manager)
* Developing the **front-end** and **back-end**, **debugging**, and establishing **HTTPS** connectivity

2020 - 2021 **Analyst**, **IBM**

* Analysis of **operational statistics** and patterns to identify potential clients for **IBM solutions.**

**Projects**

2023 **AI-3dTshirt Project - React, JavaScript, OpenAI, Tailwind, Three.js, Node.js**

* An adaptive application enables users to modify a 3D T-shirt design utilizing AI capabilities.
* The preferred personalized 3D T-shirt design can be downloaded as a picture.
* Developed using **React, JavaScript, Tailwind, Framer-motion, OpenAI, Three.js, HTML, CSS**.
* Link to the project:https://artai-3dtshirt.com/

2023 **PetsGram Adoption Project - React, Node.js, Express, PostgreSQL**

* **Full-featured web application** for pet adoption, attempting to establish a community of pet lovers.
* This project was a comprehensive **full-stack development** undertaking, involving a **multi-tier architecture** and a vast array of technologies.
* Challenges at each stage, from **UI** **design** and **UX** to backend **API** development, **database management**, **deployment**, and maintenance, this project required several months of dedicated effort from the entire development.
* I built **RESTful APIs** that were consumed by the front end. These **APIs** catered to logic requirements and **CRUD** operations on our database.
* Front-end: **React, Chakra UI, Ant Design, Material UI**
* Back-end: **Node.js, Express, PostgreSQL, Sequelize**
* The web is hosted on **Netlify** for the front end and **Render** for the back end.
* The data layer was powered by **PostgreSQL.** I also implemented various **SQL queries** to meet the needs of operations.
* Implemented secure **user authentication** using **JSON Web Tokens (JWT)**, stored in **HTTP-only cookies** to enhance the application's **security** and **protect** against Cross-Site Scripting (XSS) attacks.
* **Features’ website** includes comprehensive search functionality, secure user authentication and management, admin-curated pet profile creation and management
* Alongside an admin dashboard providing: Insightful statistics on pet adoption, fostering, availability, and types.
* Link to the project:https://petsgram-adoption.com/

**Education and Courses**

2019 - 2021 **M.Sc. in Renewable Energies**, Ibereoamerican University Foundation

2013 - 2018  **B.Sc. in Industrial Engineering**, University of Argentina

2022 **Full Stack Development Coding Bootcamp**, Israel Tech Challenge, 6 months (1080 hours)

* The program is a hands-on accelerator, which emphasizes self-research and autonomous learning while emulating a real-life work environment.
* Developed a full stack application from scratch including deployment with **Render** and **Netlify**

**Skills**

Front-end: **JavaScript** (ES6), **React**, **Redux,** **HTML**, **CSS** (including Bootstrap, Chakra UI, Material-UI, and Ant Design)

Back-end: **NodeJS**, **Express**, **Python**, **Flask**, **SQL**, **MongoDB**

Other relevant knowledge: **AWS**, **REST APIs**, **Git**, Postman, Render, Netlify